Presenters: UofT Molecular Genetics

A visit to the Peter Gilgan Centre for Research and Learning left students more knowledgeable about the role of genetic counselling and the importance of genetic counselling services. After an informative session led by genetic counsellors, students participated in a pedigree drawing exercise. They also investigated case studies, using pedigrees to diagnose genetic disorders. The learners capped their day with a DNA extraction activity, where they were able to see actual DNA from strawberries.

Location: Peter Gilgan Centre for Research and Learning

GENETIC COUNSELLING DAY

Students visited the Challenging Environmental Assessment Laboratory (CEAL) in the Toronto Rehab Institute, where they explored simulated lab settings used by scientists in their research.

Location: Toronto Rehab Institute

CEAL LAB TOUR

SUMMER 2024 WEEKLY BULLETIN

Presenters: Michael White

Michael White from the First Nations House at UofT led an engaging speakersession about Indigenous culture and values. Students learned words from Mr. White’s native language, and gained insight into the history and perspectives of Indigenous communities.

Location: Medical Sciences Building

FIRST NATIONS HOUSE PRESENTATION

Presenters: Kristina Lisk & Kenneth Gamueda

Hands-on learning and interactive lectures let students investigate the inner architecture of the human body. They learned about how the skeleton fits together with real human bones, and how forensic anthropologists identify human remains. Students then had the opportunity to visit Grant’s Museum in the Anatomy Department, which hosts a collection of preserved human body parts.

Location: Grant’s Museum

INTRO TO ANATOMY

Presenters: Jennifer Lake & David Dubins

Students toured the Leslie Dan Faculty of Pharmacy, where they saw medication manufacturing facilities for Walmart and Shoppers Drug Mart and explored the laboratories used by pharmacy students. Professor Jennifer Lake led an informative Q&A session, while Professor David Dubins ran a lab activity where students created their own shampoo products.

Location: Leslie Dan Faculty of Pharmacy

PHARMACY DAY

Presenters: Nadia Ramadhin & CAMH Executive Members

The learners had the opportunity to visit Canada’s largest mental health institution, the Centre for Addiction and Mental Health, where they learned about its history. Students also learned about the various considerations and design aspects tailored for visitors of CAMH. Afterwards, a panel of CAMH professionals shared their career journeys and left students with valuable lessons of hope and perseverance.

Location: Centre for Addiction and Mental Health

CAMH VISIT

Presenters: Discover Health

With the guidance of Discover Health, the learners had the opportunity to practice their surgical skills with suturing kits. They learned about the instruments and tools used in suturing, and the types of sutures applied to wounds.

Location: Medical Sciences Building

SUTURING SKILLS

At the Bloomberg Faculty of Nursing, students learned about the nursing program offered there, and also delved deeper into the roles and responsibilities of nurses. Students were also given the chance to explore the nurse simulation lab, where they practiced CPR on nursing mannequins and had insightful conversations with nursing students and practicing nurses.

Location: Bloomberg Faculty of Nursing

NURSING DAY

Presenters: I.M. Inspire Group

This interactive lab exercise showed students how the COVID-19 rapid antigen test functions, and other applications of this technology. Students also explored how patients are diagnosed using flow cytometry, specifically via the use of stem cells.

Location: Lash Miller Chemical Laboratories

FLOW CYTOMETRY

Presenters: Ain Kim & Kenneth Gamueda

Through a hands-on wet lab activity, students learned about the important role that enzymes play in our daily lives. They applied the scientific method by formulating their own hypotheses and testing how changing different factors affect the efficiency of an enzyme.

Location: Lash Miller Chemical Laboratories

EXPLORING ENZYMES

presenters: imspire group